

Product datasheet

Anti-NRF1 antibody [2F9] ab55744

★★★★★ [4 Abreviews](#) [30 References](#) [2 Images](#)

Overview

Product name	Anti-NRF1 antibody [2F9]
Description	Mouse monoclonal [2F9] to NRF1
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment (GST-tag) corresponding to Human NRF1 aa 201-285. Sequence: TQAQLRAFIPEMLKYSTGRGKPGWGKESCKPIWWPEDIP WANVRSDVRTE EQKQRVSWTQALRTIVKNCYKQHGRELLYAFEDQ

Database link: [Q16656](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control WB: Human skeletal muscle lysate. IHC-P: Human kidney tissue.

General notes This product was changed from ascites to tissue culture supernatant on 15 May 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.4

Purity	Tissue culture supernatant
Purification notes	Purified from TCS.
Clonality	Monoclonal
Clone number	2F9
Isotype	IgG1
Light chain type	kappa

Applications

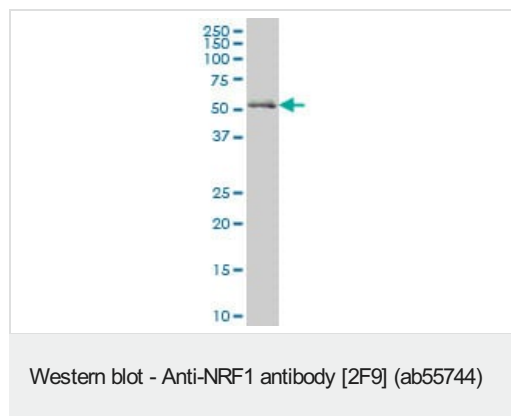
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab55744 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (3)	Use at an assay dependent concentration. Predicted molecular weight: 54 kDa.
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.

Target

Function	Transcription factor that activates the expression of the EIF2S1 (EIF2-alpha) gene. Links the transcriptional modulation of key metabolic genes to cellular growth and development. Implicated in the control of nuclear genes required for respiration, heme biosynthesis, and mitochondrial DNA transcription and replication.
Tissue specificity	Ubiquitously expressed with strongest expression in skeletal muscle.
Sequence similarities	Belongs to the NRF1/Ewg family.
Post-translational modifications	Phosphorylation enhances DNA binding.
Cellular localization	Nucleus.

Images



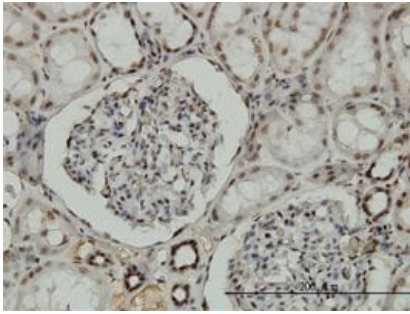
Anti-NRF1 antibody [2F9] (ab55744) at 1 µg/ml + Human skeletal muscle lysate

Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate

Predicted band size: 54 kDa

This image was generated using the ascites version of the product.



NRF1 antibody (ab55744) used in immunohistochemistry at $\mu\text{g/ml}$ on formalin fixed and paraffin embedded human kidney.

This image was generated using the ascites version of the product.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NRF1 antibody [2F9] (ab55744)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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